LIST OF CURRENT CLAIMS

1 (Currently amended). A heat dissipating fan comprising:

a fan-supporting cover plate including an air inlet and a fan-supporting base;

an impeller mounted to the fan-supporting base to constitute a fan unit, and the impeller further including a plurality of impeller blades; and

an air guiding member including an annular sidewall that defines an air passageway between a first end and a second end of the air guiding member, such that said air guiding member is a single hollow member, there being no part of said air guiding member formed in the air passageway, said first end of the air guiding member connecting to said cover plate in a stacked relationship, and the air guiding member further including an air outlet proximate to said second end of the air guiding member beyond the fan unit such that the air outlet disposed at said second end can be expanded;

a portion of an axial height of said impeller blades being received in a first section of the air passageway of the air guiding member defined between the air inlet and a middle point of the air guiding member and a lower portion of a hub portion of the fan unit received in the first section of the air passageway of the air guiding member so as to reduce an overall thickness of the combination of the fan unit and the air guiding member, and a second section of the air passageway of the air guiding member defined between the middle point and the air outlet of the air guiding member below the fan unit, the air passageway being unobstructed from the fan-supporting base to the air outlet;

a plurality of auxiliary side inlets being defined between the cover plate and the air guiding member, air intake occurring simultaneously in the air inlet and in the auxiliary side inlets when the impeller turns, the side wall confining air in the second section of the air passageway whereby the confined air passes through near regions below the hub portion of the fan unit and then exits the expanded air outlet in a predetermined direction.

2 (original). The heat dissipating fan as claimed in claim 1, wherein the cover plate includes a first engaging portion and the air guiding member includes a second engaging portion engaged with the first engaging portion.

3 (Previously presented). The heat dissipating fan as claimed in claim 2, wherein the first engaging portion includes a plurality of through-holes and the second engaging portion includes a plurality of posts each having a screw hole aligned with a respective one of said through-holes.

4 (Previously presented). The heating dissipating fan as claimed in claim 2, wherein the second engaging portion includes a plurality of through-holes and the first engaging portion includes a plurality of posts each having a screw hole aligned with a respective one of said through-holes.

5 (original). The heat dissipating fan as claimed in claim 1, wherein the impeller is mounted to an upper side of the base of the cover plate.

6 (original). The heat dissipating fan as claimed in claim 1, wherein the impeller is mounted to an underside of the base of the cover plate.

7 (original). The heat dissipating fan as claimed in claim 1, wherein a sectional area of an air outlet side of the air passageway is smaller than that of an air inlet side of the air passageway.

8 (Currently amended). ~~The~~ A heat dissipating fan ~~as claimed in claim 1,~~ comprising:

a fan-supporting cover plate including an air inlet and a fan-supporting base;

an impeller mounted to the fan-supporting base to constitute a fan unit, and the impeller further including a plurality of impeller blades; and

an air guiding member including an annular sidewall that defines an air passageway between a first end and a second end of the air guiding member, such that said air guiding member is a single hollow member, there being no part of said air guiding member formed in the air passageway, said first end of the air guiding member connecting to said cover plate in a stacked relationship, and the air guiding member further including an air outlet proximate to said second end of the air guiding member beyond the fan unit such that the air outlet disposed at said second end can be expanded;

a portion of an axial height of said impeller blades being received in a first section of the air passageway of the air guiding member defined between the air inlet and a middle point of the air guiding member and a lower portion of a hub portion of the fan unit received in the first section of the air passageway of the air guiding member so as to reduce an overall thickness of the combination of the fan unit and the air guiding member, and a second section of the air passageway of the air guiding member defined between the middle point and the air outlet of the air guiding member below the fan unit;

a plurality of auxiliary side inlets being defined between the cover plate and the air guiding member, air intake occurring simultaneously in the air inlet and in the auxiliary side inlets when the impeller turns, the side wall confining air in the second section of the air passageway whereby the confined air passes through near regions below the hub portion of the fan unit and then exits the expanded air outlet in a predetermined direction;

wherein the air passageway extends in a direction at an angle with respect to an airflow direction, guiding the airflow to a predetermined side of the air guiding member along the predetermined direction which is mis-aligned with a longitudinal direction of the air guiding member.

9 (original). The heat dissipating fan as claimed in claim 1, wherein the cover plate includes a plurality of posts projecting downward from a peripheral portion of an underside of the cover plate, reducing possibility of entrance of alien objects and improving structural strength of the impeller.

10 (original). The heat dissipating fan as claimed in claim 1, wherein the air guiding member includes a plurality of posts projecting upward from a peripheral portion of an upper side of the air guiding member, reducing possibility of entrance of alien objects and improving structural strength of the impeller.

11 (original). The heat dissipating fan as claimed in claim 1, further including a plurality of ribs connected between the cover plate and the base.

12 (original). The heat dissipating fan as claimed in claim 11, wherein the ribs form a plurality of stationary blades for guiding airflow.

13 (Previously presented). The heat dissipating fan as claimed in claim 12, wherein the stationary blades are inclined at an angle opposite to an angle of said impeller blades.

14. (New) The heat dissipating fan as claimed in claim 8, wherein the cover plate includes a first engaging portion and the air guiding member includes a second engaging portion engaged with the first engaging portion; and wherein the first engaging portion includes a plurality of through-holes and the second engaging portion includes a plurality of posts each having a screw hole aligned with a respective one of said through-holes; or wherein the second engaging portion includes a plurality of through-holes and the first engaging portion includes a plurality of posts each having a screw hole aligned with a respective one of said through-holes.

15. (New) The heat dissipating fan as claimed in claim 8, wherein the impeller is mounted to an upper or underside side of the base of the cover plate.

16. (New) The heat dissipating fan as claimed in claim 8, wherein a sectional area of an air outlet side of the air passageway is smaller than that of an air inlet side of the air passageway.

17. (New) The heat dissipating fan as claimed in claim 8, wherein the cover plate includes a plurality of posts projecting downward from a peripheral portion of an underside of the cover plate, reducing possibility of entrance of alien objects and improving structural strength of the impeller.

18. (New) The heat dissipating fan as claimed in claim 8, wherein the air guiding member includes a plurality of posts projecting upward from a peripheral portion of an upper side of the air guiding member, reducing possibility of entrance of alien objects and improving structural strength of the impeller.

19. (New) The heat dissipating fan as claimed in claim 8, further including a plurality of ribs connected between the cover plate and the base, said ribs forming a plurality of stationary blades for guiding airflow.

20. (New) The heat dissipating fan as claimed in claim 19, wherein the stationary blade are inclined at an angle opposite to an angle of the blades.